DSD-9520¨¥¨ 2005.9.14 7:39 PM ˘ ` 1

DAEWOO ELECTRONICS

USER'S GUIDE

DSD-9520 Digital PVR

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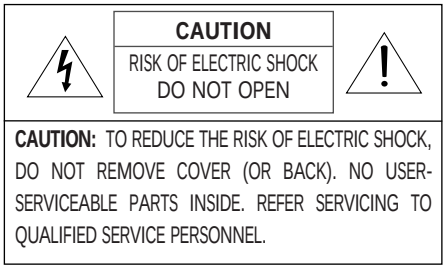
IMPORTANT CARE AND SAFETY ADVICE

This Digital PVR has been manufactured to meet international safety standards, but you must take care to operate it safely.

It is important that you read these safety instructions.

If you have any doubts about the installation, operation, or safety of this Digital PVR, contact Daewoo, as shown below.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and servicing instructions in the literature accompanying the appliance.

✔ *Electrical warning*

- Your Digital PVR contains a high voltage which is sufficient to cause a dangerous electric shock.
- Never remove the Digital PVR cover.
- There are no user-serviceable parts inside.
  Switch off the power supply from the mains wall socket. before you disconnect any equipment from the Digital PVR.
- Never push anything into holes, slots or other openings in the case.

✔ *Positioning the PVR*

- The Digital PVR and cables should be placed so that they not likely to be walked on or pinched by items placed upon or against them.
- Do not expose your Digital PVR to direct sunlight or to extreme temperatures (above 40°C or below -5°C), high moisture levels or dust.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The ventilation should not be impeded by covering the ventilation openings with items,such as newspapers,table-cloths,curtains,etc.
- Do not Place the Digital PVR on an unstable surface or on a bed, sofa, rug, or similar surface as this may block air ventilation and cause it to overheat.
- Never place the Digital PVR over a radiator or in an unventilated cabinet. No naked flame sources, such as candles, should be placed on the apparatus.

✔ *Cleaning*

- Cleaning : always disconnect from the mains supply before cleaning. Wipe with a lint-free cloth or one that has been slightly dampened with clean water. Never use detergents, liquid cleaners.

✔ *Unplug when not in use*

- When not in use for an extended period, unplug the Digital PVR from the mains outlet. Do not overload wall outlets and extension adaptors as this can result in a risk of fire or electric shock.

✔ *Use only authorised servicing*

✔ ***EARTHING :*** THE ANTENNA CABLE ***MUST BE EARTHED.***

✔ *If any of the following occur*

- Any of the cables or plugs are damaged.
- Liquid has spilled onto, or objects have fallen into, the Digital PVR.
- The Digital PVR has been dropped or the casing has been damaged.
- The Ditigal PVR does not operate normally.

✔ *Carefully unplug the Digital PVR from the electrical outlet and*

- Contact the retailer/ supplier who sold you the Digital PVR
- **Call the Daewoo Helpline : 0870 100 2525**
  Or visit our web site at : information@desuk.co.uk

End User licence

This hardware and software of this product are licensed to the user as a single product that cannot be separated.

It is intended as domestic product for the purposes of receiving digital television services; any other use is done so at the users risk.

In relation to the software the end user is prohibited from copying,transferring to a 3rd party, modifying or otherwise attempting to derive the source code of any part or whole of the software in the product.The software is not sold, but licensed for use in the European Union to the owner of the hardware. New software maybe transmitted to the box by the manufacturer in which case the licence transfers to the new software.

INTRODUCTION

Thank you for purchasing the Personal Video Recorder (PVR).

Equipped with the latest technology and design, the DSD-9520 is a set-top box ideal for digital terrestrial broadcast reception. The simple installation and operation, user-friendly three-dimensional OSD, Digital audio output with Dolby Digital ready, and advanced video clarity made for TV and VCR are all designed to enrich the viewer experience.

As a digital set-top box, it can receive TUTV and FTA broadcasts. Outstanding stability and comfort are its built in features. In addition to delivering more channels with its new highly sensitive tuner, DSD-9520 boasts the Electronic Program Guide (EPG), for even better program information on all channels, and information that enables subtitles and teletext for a bounty of useful information on programs and broadcast signals.

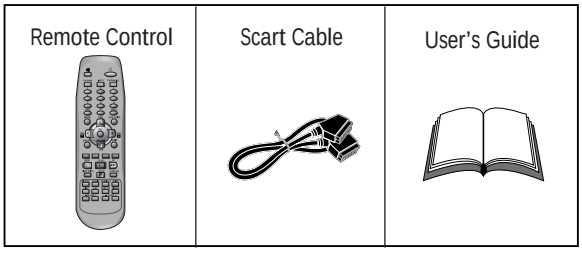
As a PVR, DSD-9520 utilizes the preloaded software functions by incorporating the hard disk drive. This allows for assorted trick play, diverse formats of recording, and recordings playback, all through the time shift recording function.
Software upgrade notices are posted periodically on the Internet homepage, and new versions can be updated through automatic software upgrade service (OAD). With the latest software, viewers are always sure to enjoy endless hours of extraordinary digital broadcasts and an abundance of data.

If you have any difficulties concerning the operation of your PVR, please refer to the relevant section of this manual. This manual will provide you with useful information on using the PVR.

PACKAGE CONTENTS

When you open the packaging you should find

1) DAEWOO DIGITAL PVR
2) REMOTE CONTOL
3) SCART CABLE
4) USER'S GUIDE



- If any parts are missing, do not attempt to install this product.

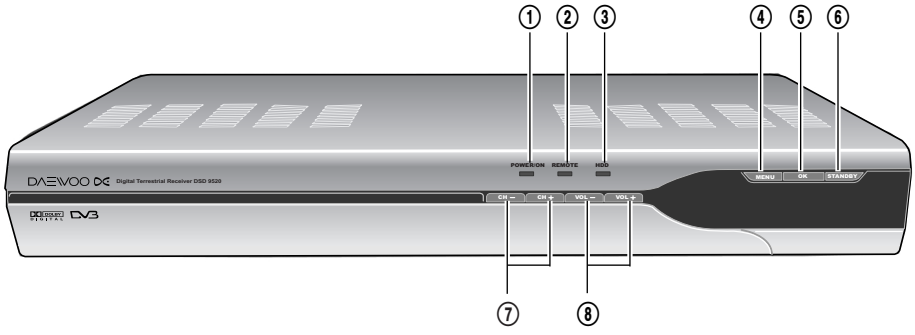
  Please contact the Daewoo Careline on ***0870 100 2525***.

FEATURES

- *Personal Video Recorder*
- *80 GB Hard Disk Drive (approx. 40 hours of recording time).*
- *Pause and play with button during A/V watching.*
- *Fast Forward & Fast Rewind in various speeds.*
- *Jump to live program*
- *Slow Motion to Forward & Backward.*
- *Time shift recording for 60 minutes.*
- *Recording live channels and stop.*
- *Recording reservation in EPG information.*
- *Recording reservation with setting start time and duration.*
- *Play back of recorded services with Trick play modes.*
- *MPEG-2 Digital & Fully DVB-T Compliant.*
- *Digital Terrestrial Set-Top Box*
- *Fast Interactivity & Digital Teletext (MHEG 5).*
  - *Allows a split screen combination of your programme plus live text news & sport information.*
  - *Digital super 'teletext' where you can view up-to-the minute information*
- *User-friendly EPG (8 days capability).*
- *Parental control with block on system, all channels and programs by age limitation.*
- *Multiple Connectivity to Hi-Fi or Home Theatre.*
- *Channel list mode in both all and favourite groups.*
- *Channel search in automatic, manual and network search.*
- *Channel sorting by Channel Number*
- *Timer Setting Supports automatic Turn-On and Off daily.*
- *Auto language selection of program for Audio language with user setting in menu.*
- *Video format in 4:3, 16:9 and letterbox.*
- *Extended information shows the full program information.*

IDENTIFICATION OF CONTROLS

FRONT PANEL



① ***Power On indicator***

② ***Standby indicator***

③ ***Hard drive indicator***

; will be visable when hard drive is in use ie when in record or time shift mode.

④ ***Menu Button***

; allows access to on screen menu.

⑤ ***OK button***

; can be used to select a menu or confirm menu options.

⑥ ***Standby Button***

; switches between Operation and Standby modes.

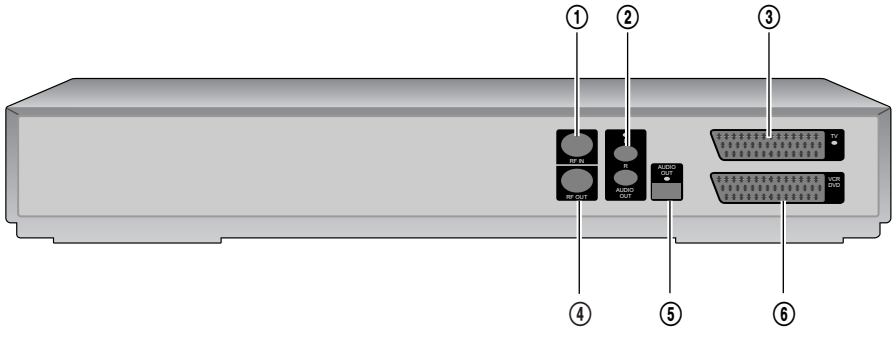
⑦ ***Channel up/down (+/-) Buttons***

; can be used for changing channels or moving up and down Menu screens.

⑧ ***Volume up/down (+/-) Buttons***

; used to control volume on the PVR.

REAR PANEL



① ***RF IN T V Scart***

; connects an aerial to the Aerial IN jack on the PVR.

② ***Audio L/R***

; connects to your TV or VCR and outputs audio signals.

③ ***T V Scart***

; connects a T V SCART cable.

④ ***RF OUT***

; connects an RF signal from your PVR to the RF (ANT)input jack on your TV or VCR.

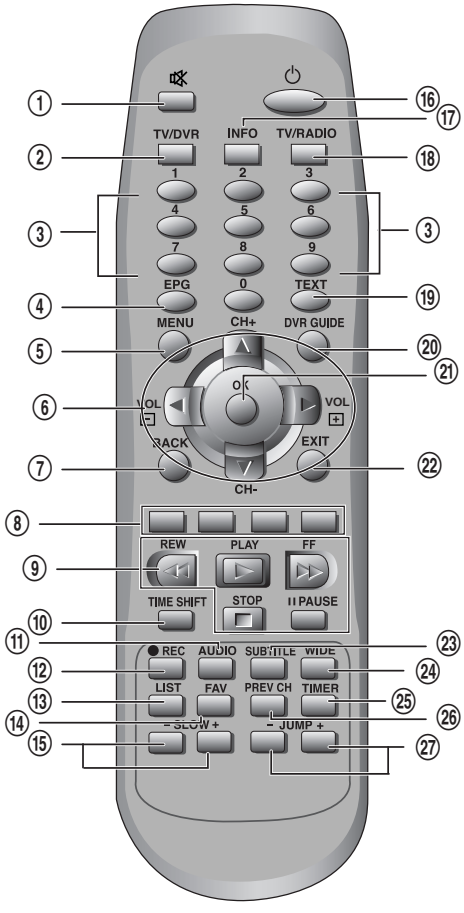
⑤ ***S/PDIF***

; Outputs the digital audio signals.

⑥ ***VCR/DVD SCART***

; Connects a VCR/DVD SCART cable.

REMOTE CONTROL



① ***Mute ;*** Pauses the audio temporarily.
② ***T V/PVR ;*** Switches between PVR and TV.
③ ***Number buttons***
④ ***EPG ;*** Pauses the audio temporarily.
⑤ ***Menu ;*** Choose and change a wide range of PVR's features.
⑥ ***Arrow buttons ;*** allows to change channel, control volume and move through menu 's.
⑦ ***BACK ;*** returns to previous menu and screen.
⑧ ***Colour buttons ;*** used for selecting interactive applications.
⑨ ***Playback control buttons ;*** Includes Play, Fast Forward,Rewind,Pause and Stop.
⑩ ***Time Shift ;*** activates time shift function -see relevant section in this manual)
⑪ ***Audio ;*** displays Audio menu.
⑫ ***Record ;*** initialises the record feature -see relevant section in this manual.
⑬ ***List ;*** displays a full list of searched channels
⑭ ***FAV ;*** sets favourite TV channels
⑮ ***Slow ;*** starts slow motion playback.
⑯ ***Standby ;*** switches between operation and stanby modes.
⑰ ***Info ;*** displays information on the current and next programs on the channel
⑱ ***TV/RADIO ;*** Switches between first TV channel stored and first Radio channel.
⑲ ***Text ;*** displays digital text.
⑳ ***DVR Guide ;*** Displays progammes recorded on hard drive.
㉑ ***OK ;*** selects menu or confirms the selected operation.
㉒ ***EXIT ;*** exits the menu or guide screen.
㉓ ***Subtitle ;*** changes the subtitle language.
㉔ ***Wide ;*** sets display format.
㉕ ***Timer ;*** accesses the timer programming channels
㉖ ***Pre CH ;*** switches to the previous channel viewed.
㉗ ***Jump ;*** move to a specific point.

SETTING UP YOUR DIGITAL PVR WITH A SCART CABLE

SCART connections offer the best picture and sound quality.
They can also tell your TV when the Digital PVR is switched on and off and whether widescreen pictures are being broadcast. Therefore this is the way this box has been designed to be connected.

1. Connect your aerial to the Digital PVR.

- Make sure your TV is switched off, together with any other equipment you are connecting to it.
- Insert the cable from your aerial into the Digital PVR socket marked 'AERIAL'.

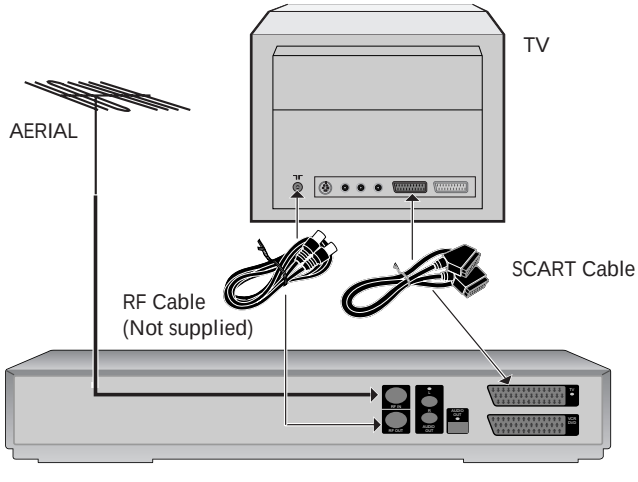
2. Connect the SCART cable.

Choose the option below that best suits your TV (and VCR, if you have one). If you need a longer SCART cable, you can find one at most TV or electronics retailers.

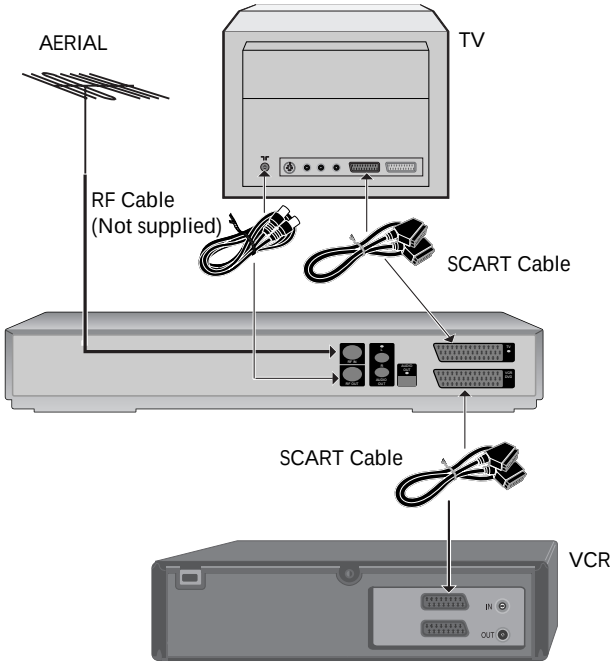
Ask for a "fully-populated" SCART lead.

Option 1: connecting to a TV only

- Connect the SCART cable between the 'TV' socket on your Digital PVR's rear panel and your TV's SCART socket.
- Connect an RF cable between the 'RF OUT' output on the Digital PVR and the RF socket on your TV (where you normally connect the aerial).



Option 2: connecting to a TV and VCR



- Connect the SCART cable between the VCR socket on your Digital PVR and your VCR's SCART IN socket.
- Connect a SCART cable between the SCART TV socket on your Digital PVR and your TV SCART IN socket.
- Connect an RF cable between the 'RF OUT' socket on the Digital PVR and the RF input socket on your VCR.
- If there isn't already one in place, connect a second RF cable between the RF output on your VCR and the RF input socket on your TV.

3. Connect the POWER cable.

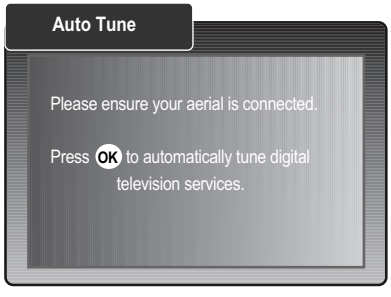
4. Switch on your TV.

1 Switch on your TV

2 Switch on the mains outlet for the Digital PVR. The PVR's red light should show.

3 Press **POWER** on your PVR remote. The PVR' green light should go on.

4 Your TV should switch to the Digital PVR automatically. If no, select the AV channel using the button on your TV remote marked AV, EXT, TV/AV, O/E or a ⊣► symbol, or refer to your TV manual.



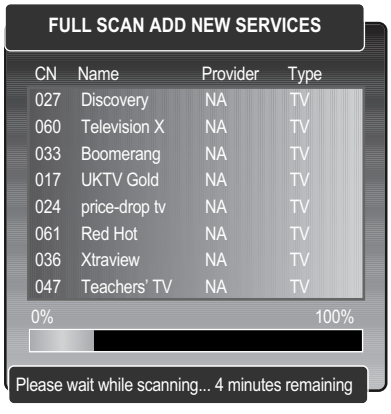
5 If you cannot see the picture from the Digital PVR, please refer to the "where to get more help" section towards the end of this user's guide.

You are now ready to tune in to the digital TV service.

Using your Digital PVR for the first time.

The first time you use your Digital PVR, you will see a sceen like the one below. The Digital PVR now needs to scan for available Digital TV channels.

- Press **OK** on your Digital PVR's remote control to begin searching for digital channels. The search will take between 2 and 5 minutes, depending on the digital TV service in your area.
- As channels are found, their names are listed on the TV screen.
- When the scan has finished, the Digital PVR will automatically switch to the first channel in the list.


FULL SCAN ADD NEW SERVICES
CN Name Provider Type
027 Discovery NA TV
060 Television X NA TV
033 Boomerang NA TV
017 UKTV Gold NA TV
024 price-drop tv NA TV
061 Red Hot NA TV
036 Xtraview NA TV
047 Teachers' TV NA TV
0%
100%
Please wait while scanning... 4 minutes remaining

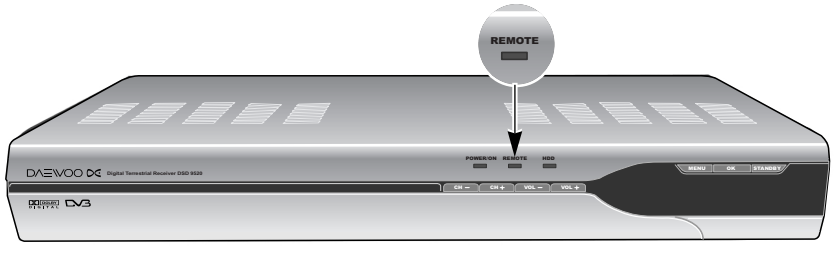
- ***You can now explore and enjoy the channels available on your Digital TV service.***
- ***Please read on to find out more about the features offered by your Digital PVR.***

USING STANDBY

When you are not watching TV, you should set your Digital PVR to 'Standby'.

To do this:

- Press **POWER** to switch to STANDBY (red light).



If you plan to leave your Digital PVR unattended for a long period, switch it off and unplug it at the mains supply. (Don't worry - all of your settings will be saved.)

CHANGING CHANNELS

To 'hop' through the channels :

- Press ▲ or ▼ on your Digital PVR remote control.

TO CHOOSE A PARTICULAR CHANNEL

- Press one of the buttons **0** to **9**, then press **OK**.
- To select 2 or 3 digit channels (10 to 999), press the number buttons required in succession, then press **OK**.
- If you do not press **OK**, the PVR will change to the selected channel after approximately 1 second.

USING THE TV GUIDE (EPG)

The TV Guide shows a full list of available channels and programms.
When you choose the TV Guide, the channel you are watching appears as a small inset screen.

To view the Guide :

1 Press **EPG.**

2 Press ▲ or ▼ to scroll through the list of channels.

3 To scroll through the programmes press ◀ and ▶ .

4 To scroll forwards and backwards, one day at a time, press the **blue** and the **yellow** colour buttons.

TV GUIDE 09:49 12/06/2005
09:00 - 10:00
News 24 Sunday
A weekly look at key news stories and news makers, presented by Peter Sissons. [S]
BBC ONE NI
CN Name 09:30 12/06 11:30
001 BBC ONE NI
002 BBC TWO NI
003 UTV
004 Channel 4
006 ITV2
News 24 The Heaven and Ear Call My
Smile Sunday Past Times
The Crocodile Celebrity Wrestling Sur
T4: Popworld T4: Hollyoaks Omnib
Who Wants To Be A Planet's Cele
Select Scroll OK To View INFO Preview
Timer - Day + Day

5 To preview the highlighted channel, press **Info.**

To add the selected programme to your Timer, press the RED colour button.

6 To view the highlighted channel, press **OK.**

7 To exit the TV Guide without changing channel, press **EXIT** or **EPG .**

NOW AND NEXT INFORMATION

Now and Next gives you information on the current and next programmes on each channel.

1 To open the Now/Next menu press **INFO.** This displays information on the programme showing Now.

2 To see information on the programme showing Next, press ▶.

3 To see more detailed information press **INFO** again.

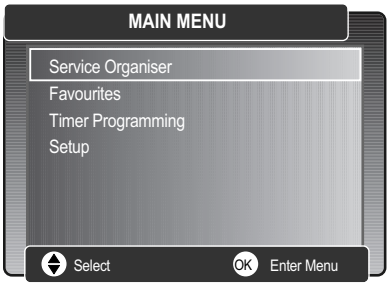
4 To change the channel you want information for press ▲ or ▼ .

5 To watch the highlighted channel press **OK.**

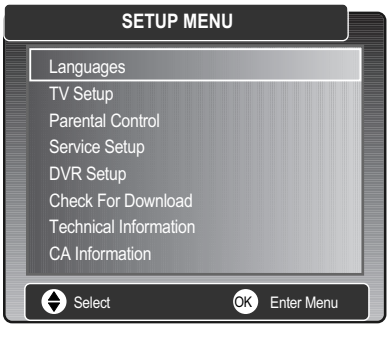
6 To exit the Now/ Next menu without changing channel, press **EXIT .**

USING THE MAIN & SETUP MENU'S

The Main menu lets you choose and change a wide range of your Digital PVR's features.



- ***To access the Main Menu, press MENU.***



THE MENU OPTIONS ARE :

■ **SERVICE ORGANISER**

- lets you delete, reorder and rename the channel line up.

■ **FAVOURITES**

- helps you move quickly between your favourite TV channels.

■ **TIMER PROGRAMMING**

- lets you set a timer so that the Digital PVR changes to a specific channel at a certain time (such as when you wish to record a programme).

■ SETUP - contains the following sub menu's :

1. Languages - when a programme is broadcast in multiple languages, this lets you choose the language you listen to and any on-screen text or subtitles that are displayed.

2. TV Setup - lets you change how programmes are displayed on your TV (widescreen 16:9 or normal 4:3).

3. Parental control - lets you control what can be watched. Please refer to the relevent section in this guide for more information.

4. Service Setup - to access this feature you are required to enter a PIN "0000". In this menu you can scan for new channels etc...

5. DVR Setup - allows you to format the hard drive.

WARNING! : This will remove all recordings.

6. Check for download - is an option that allows your Digital PVR to scan the airwaves for a software update. As updates are handled automatically by your Digital PVR it is nor recommended that you use this option.

7. Technical Information - as the name suggests lists the technical specifcation of the PVR.

8. CA Information - as the name suggests information of Conditional Access.

USING YOUR VCR WITH THE DIGITAL PVR

■ To record and view a digital channel

- Select the digital channel you want to record.
- Select the Digital PVR channel on your VCR, and press record or set your recording timer.

Please note : your Digital PVR must be set to the channel you wish to record for the full duration of the recording.

■ To record an analogue channel while watching a digital channel.

You can record an analogue TV channel while watching a digital channel.

- Select the desired analogue channel on your VCR and record as usual.

■ To record a digital channel while watching an analogue channel.

- Select the digital channel you want to record on your Digital VCR.
- Select the correct AV channel on your VCR, and press record or set your recording timer.
- Use your TV remote to switch to your choice of analogue channels.

Please note : like most Digital PVR's, this product can only receive one digital channel at a time. This means that you cannot record one digital channel while watching another digital channel. Please note that your VCR will also record any on-screen displays shown at the time of recording.

HOW TO ACCESS TOPUP TV CHANNELS

1. Make sure your digital PVR is set up and that it has finished tuning to the digital channels.

2. Call Top Up TV and register your card (Top Up TV 's number is on the packaging that came with the card).

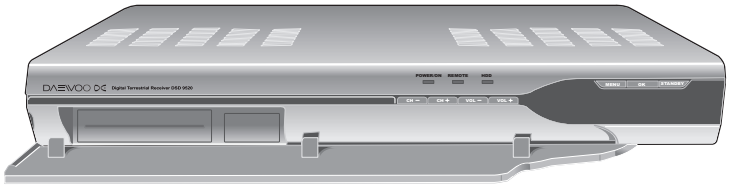
3. Switch off your digital PVR at the mains supply.

4. Insert your Top Up TV card barcode side upwards as shown in the picture below.

5. Switch on your digital PVR at the mains supply and press the **POWER** button on the remote control so that the green light appears.

6. If you cannot see all of the Top Up TV channels, you may need to scan for new channels.

It is important that you follow these steps EVERY TIME you insert your Top Up TV card - not just the first time.



Insert your Top Up TV card with the barcode side up

Please note : that a TopUp TV card can be obtained from your retailer or by contacting TopUp TV on 08700 543210 or visiting the TopUp TV website @www.topuptv.com)

Audio settings

These can be accessed by pressing the [AUDIO] button on the remote. In this menu you can set speaker options to ensure you get the most out of your PVR.

TV/Radio Feature

This feature can be accessed by pressing [TV/Radio] button, allowing you switch between radio and TV channels. (Please note that this feature will always transfer you between the first radio and TV channels stored ie BBC 1 and BBC Radio 1 rather than those previously viewed).

USING INTERACTIVE TV AND TELETEXT

Your Digital PVR gives you full access to Interactive TV and Teletext.

Teletext is available on certain channels, and there is a dedicated Teletext channel - see your TV Guide for more information.

- To see the Teletext service on the channel you are watching, press the [TEXT] button.

Using parental controls and pin numbers

The Parental Control feature allows you to lock or unlock channels or change the censorship options (where available) using a PIN number. Please note that this feature works only when the broadcaster transmits censorship information.

1 Press **MENU** to access the Setup Menu.

2 Choose the Parental Control option.

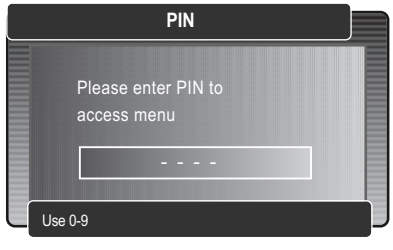
3 Type in your PIN - the default PIN is 0000.

4 Use ◀ or ▶ to change the Censorship level. These settings affect the entire service on your Digital PVR. To lock or unlock individual channels, see below.

When a programme being broadcast is blocked by the parental control setup, you can override the settings and watch the programme by entering your PIN number.

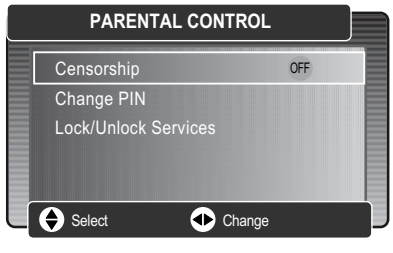
■ CHANGING YOUR PIN NUMBER

To set or change your PIN, choose the Change PIN option from the Parental Control menu. The default PIN is 0000.



1. To change your PIN, highlight the Change PIN box and type in the PIN you want.
2. Type it again in the Confirm New PIN box.

■ LOCK/ UNLOCK INDIVIDUAL CHANNELS



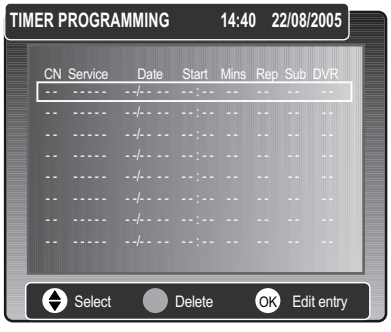
1. On the Parental Control menu, choose the Lock/ Unlock Services option.
2. Use ▲ or ▼ to highlight the channels you wish to lock or unlock.
3. Press **OK** to switch between the Lock/ Unlock setting.

Please note : If you lose your PIN, please call the Daewoo helpline on 0870 100 2525.

TIMER PROGRAMMING

You can set the Digital PVR's programme Timer to switch the PVR to any channel you choose, at any time you choose. So you'll always see (or be able to record) your favourite programmes!

For the duration of the timer programme, the Digital PVR will not respond to the remote control unless you press **EXIT.**



If you wish to record a programme make sure your PVR is set to the Digital channel and programmed to record at the time your programme is on.

Please note that you cannot record one digit channel and watch another digital channel at the same time).

- Timer Programming can be accessed from the Setup Menu by highlighting the option and pressing **OK**.
- If Parental Controls are set on the channel, you will be asked to enter your PIN in order to complete the Timer Programme.

TIME SHIFT RECORDING

TIME SHIFTING (PAUSING LIVE TV)

This feature will allow you to record live television for a specified amount of time.

The Recording can be between 1 min and 1hour in length although this will be dependent on the amount of free disk space you have.

The Green recording bar will indicate your position within the recording.

1 Select the channel you want to record.

2 Press **Time Shift** button on the remote control.

The PVR will save the programme on air temporarily, allowing the user to manipulate the saved programme ie rewind, replay pause etc..

3 The Record info bar will appear on the screen to show length of the recording.

4 Recording time is to a maximum of 1 hour.

– The length of recording will depend on the disk space available on the PVR.

– To stop the recording at anytime press the STOP button on the remote control. This will remove the time difference so the programme returns to the position currently being aired.

– You can PLAY and MANIPULATE a Timeshift recording whilst the recording is still in progress.

Further features which can be used with a time shifted recording are as follows:

■ **SLOW MOTION PLAYBACK & REWIND :**

select the Slow motion + or - buttons on the remote control to move the recording in the desired direction.

■ **JUMP :**

This feature allows you to move to a specific point in the recording by selecting either the right or left jump buttons to move the progress bar on the screen to the required location.

RECORDING & PLAYBACK ON YOUR PVR

NORMAL RECORDING

This feature will allow you to record a programme you are currently watching without setting the timer. The recording will continue for specified time until you press STOP button on the remote control or the unit runs out of available disc space.

- Press **REC** button on the remote control and select the duration of the recording eg 30 mins then press **OK** for recording to begin.

- Recording will automatically stop after specified time. Press **STOP** button if you want to finish recording before specified time ends.

TIMER RECORDING

1 To access the Recording Menu, press **MENU** button on the remote control and then select Timer programing.

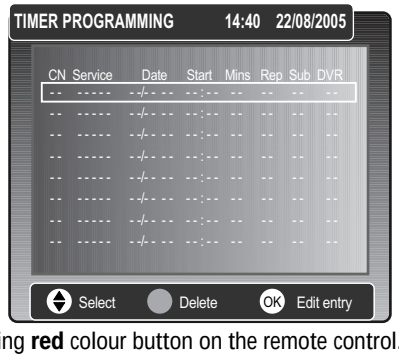
There are a number of slots for set recordings.

2 To select a slot scroll up/down using the arrow buttons on the remote control.

3 To confirm selection, press **OK** button on the remote control.

4 To set or edit a recording, highlight the option in the submenu and press **OK** button.

The date, the start time, the end time, programme number, Mode and frequency of recording can all be input and edited.



- To change any of the options, use the arrow buttons on the remote control.
- To Save, highlight **Save** and confirm by pressing **OK** on the remote control.
- To delete, highlight **Delete** and confirm by pressing **red** colour button on the remote control.

5 To exit , press **MENU** on the remote control.

To select a previously recorded programme to watch, press DVR GUIDE button on the remote control.

PLAYBACK & EDIT

■ PLAY

- To view a list of programmes recorded press the **DVR GUIDE** button on your remote control.
- To select your programm, scroll though the recorded programmes list using the **ARROW** buttons on the remote control.
- To play the programme, highlight the option and press **OK** on the remote control.

■ EDIT

- Press the **DVR GUIDE** button on your remote and select **RENAME**.

WHERE TO GET MORE HELP

If you have any problems using your Digital PVR and cannot find a solution in this user guide:

For general problems contact

Daewoo helpline on *0870 100 25 25*

Or visit our website at : information@desuk.co.uk

If possible when calling, you should be close to your TV and have your Digital PVR and TV switched on.

For general Freeview reception enquires

Freeview : 08708 80 99 80 or www.freeview.co.uk

Digital TV Group : www.dtg.org.uk

For aerial and signal problems

Euro Aerials on 0870 412 4862 (lines open Monday to Saturday, 8:30am to 5:30pm)

The product referred to in this manual is a Digital Terrestrial PVR, model *DSD9520*, supplied by Daewoo Electronics UK, Rathenraw Ind. Est. 62-82 Greystone Road Antrim, Co. Antrim, BT41 1NU

PRODUCT TECHNICAL SPECIFICATION

Digital terrestrial PVR TV receiver (Fully DVB -compliant)

UHF Channel	Channel 21-69 -75 to -20 dBm Bandwidth 8 MHz
DVB Compatible	ETS 300 744
Decoding	MPEG2 compatible (DVB/Main profile@Main level)
Video	1.5~15Mb/s (720 x 576)
Audio	MPEG2 - Musicam (layer 1&2) (32, 44.1, 48kHz)
Symbol rate	2~40 Mbaud
Power	Input Voltage : 240V, 50/60Hz Power consumption : 8 -18 (HDD) Wmax
Power requirements	18W in operation 10W in standby
RF Connection	IEC connector 169-2 (female),diameter 9.5mm
TV Connection	Two SCART Composite/ RGB/ S-video + audio (stereo)
Accessories	Remote Control, Scart cable, User's Guide

Due to continued product improvement,this specification may change without notice.

This product complies with the following European Council Directive

EN60065
73/23/EEC (the Low Voltage Directive) as amended
89/336/EEC (the EMC Directive) as amended

Digital Terrestrial Television Broadcast Receiver and Decoder
MADE IN UK

Disposal of Used Electrical &Electronic Equipment

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste.

Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste.In the European Union and Other European countries which there are separate collection systems for used electrical and electronic products.

By ensuring the correct disposal of this product, you will help prevent potentially hazardous release to the environment and damage to human health, which could otherwise be caused by unsuitable waste handling of this product.

The recycling of materials will help conserve natural resources.

Please do not therefore dispose of your old electrical and electronic equipment with your household waste.For more detailed information about recycling of this product, please contact your local city office,your household waste disposal service or the shop where you purchased the product.